

**REMARKS**

Please reconsider the application in view of the above amendments and the following remarks. Applicant thanks the Examiner for carefully considering this application.

**Disposition of Claims**

Claims 1-10 were pending in this application. By way of this reply, new claims 11-13 have been added. Accordingly, claims 1-13 are now pending in this application. Claim 1 is independent. The remaining claims depend, directly or indirectly, from claim 1.

**Claim Amendments**

Independent claim 1 has been amended by way of this reply. Specifically, claim 1 has been amended to clarify that the image superimposition output means changes at least one parameter determining an output manner of the image of prescribed information, where said at least one parameter comprises at least one selected from the group of color opacity, display position, and image superimposition. No new subject matter has been added by way of these amendments, as support for these amendments may be found, for example, in paragraph [0036] of the publication of the Specification.

**Rejection(s) under 35 U.S.C. § 102**

Claims 1-8 and 10 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,363,213 issued to Sparks *et al.* ("Sparks"). Independent claim 1 has been amended in this reply as discussed above. To the extent that this rejection may still apply to the amended claims, the rejection is respectfully traversed.

One or more embodiments of the invention are directed to digital multifunctional equipment for supplying different types of digital information. As seen with respect to Figure 1 of the Specification, a digital broadcast receiving apparatus in accordance with one or more embodiments of the invention comprises a decoder 5, a video output portion 7, and a control portion 10. Decoder 5 includes an on-screen display (OSD) 51. OSD 51 outputs graphic data provided by control portion 10 to video output portion 7 to be visually displayed on a monitor apparatus 12 (*see, e.g.,* publication of the Specification, paragraphs [0025], [0028]).

In one or more embodiments of the invention, when a user desires to stop an image on the monitor 12, the text image 19 of “STILL” is displayed superimposed on still image 18 by OSD 51. As image 19 is displayed as superimposed on image 18, information of image 18, *i.e.*, information desired by the user, may be covered depending on the position of image 19 (*see, e.g.,* publication of the Specification, paragraph [0035]).

Accordingly, the output manner of image 19 is modified such that image 18 is ensured to be visible even when image 19 is displayed as superimposed thereon. Specifically, control portion 10 modifies the display manner of image 19 by adjusting one or more of parameters such as color opacity, displaying position, or an instruction to superimpose (or not to superimpose) on image 18 for image 19, which is superimposed on image 18 by OSD 51. By adjusting these types of parameters allows information in image 18 to remain visible (*see, e.g.,* publication of the Specification, paragraph [0036]). Thus, image 19 can be displayed, for example, transparently, blinking, or continuously moving in the screen vertically and horizontally. Therefore, prevention of obscuring information contained in image 18 may be prevented (*see, e.g.,* publication of the Specification, paragraph [0036]).

Accordingly, amended independent claim 1 requires that the image superimposition output means changes at least one parameter determining an output manner of the image of

prescribed information, where the at least one parameter comprises at least one selected from the group of color opacity, display position, and image superimposition.

Sparks does not disclose at least the above limitations of amended independent claim 1. Specifically, Sparks does not disclose changing parameters as required by the amended independent claim 1. In fact, Sparks notes specifically that messages are inserted into specific horizontal and vertical positions on a screen (*see* Sparks, col. 5, lines 56-60). Further, Sparks is completely silent with respect to parameters such as color opacity and image superimposition, as required by amended independent claim 1.

In view of the above, Sparks fails to show or suggest the invention as recited in amended independent claim 1. Thus, amended independent claim 1 is patentable over Sparks. Claims 2-8 and 10, directly or indirectly dependent from claim 1, are allowable for at least the same reasons. Accordingly, withdrawal of this rejection is respectfully requested.

### **Rejection(s) under 35 U.S.C. § 103**

Claim 9 is rejected under 35 U.S.C. § 103(a) as being obvious over Sparks. Independent claim 1 has been amended in this reply as discussed above. To the extent that this rejection may still apply to the amended claims, the rejection is respectfully traversed.

As discussed above, one or more embodiments of the invention are directed to digital multifunctional equipment for supplying different types of digital information. Accordingly, amended independent claim 1 requires that the image superimposition output means changes at least one parameter determining an output manner of the image of prescribed information, where the at least one parameter comprises at least one selected from the group of color opacity, display position, and image superimposition.

As discussed above, Sparks does not disclose at least the above limitations of amended independent claim 1. Further, Sparks clearly fails to show or suggest these limitations. In fact, Applicant respectfully notes that Sparks teaches away from amended independent claim 1, as Sparks specifically teaches that an on-screen display image remains in a constant position (*see* Sparks, col. 5, lines 56-60). Thus, it would be clear that Sparks does not show or suggest at least changing at least one parameter determining an output manner of the image of prescribed information, where the at least one parameter comprises at least one selected from the group of color opacity, display position, and image superimposition, as required by amended independent claim 1.

In view of the above, Sparks fails to show or suggest the invention as recited in amended independent claim 1. Thus, amended independent claim 1 is patentable over Sparks. Claim 9, directly or indirectly dependent from claim 1, is allowable for at least the same reasons. Accordingly, withdrawal of this rejection is respectfully requested.

### **New Claims**

By way of this reply, new claims 11-13 have been added to specify, respectively, (i) that the image superimposition comprises at least one selected from the group of still, moving, transparent, and blinking, (ii) that when the image of superimposition is superimposed on the image, the image forming means stops updating image information such that the output means outputs a still image, and (iii) that the image of superimposition is superimposed on the image when a command is entered by a user. No new matter has been added by way of new claims 1-13, as support for new claims 1-13 may be found, for example, in paragraphs [0031], [0033], and [0037] of the publication of the Specification. Claims 11-13 depend from claim 1. As claim 1 has been shown above to be allowable, claims 11-13 are allowable for at least the reasons

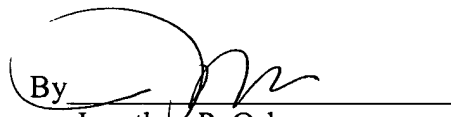
discussed above with respect to claim 1. Accordingly, entry and allowance of new claims 11-13 is respectfully requested.

### **Conclusion**

Applicant believes this reply is fully responsive to all outstanding issues and places this application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner is encouraged to contact the undersigned or his associates at the telephone number listed below. Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 04536/039001).

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Respectfully submitted,

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